

## **POOR LEGIBILITY**

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AHM/jr

City Manager  
Asst. Dir. Public Works  
Pampert-Kirkup-Elliott

(F)

a<sup>o</sup> Public Works

July 30, 1964

Paul Adamson, Consulting Civil Engineer  
543 Byron Street  
Palo Alto, California

Re: East Trunk Sewer  
Attention Mr. Blaine Harrison

Dear Mr. Harrison:

Further to my letter of June 29, 1964 it now appears that a solution to our design problems will be available within the next month. However, before I can proceed I must have the answers to the questions set forth below.

Mr. Axe of the 12th Naval District has orally informed me of the anticipated sewage flows from Moffett Field and Ames Laboratories. Two plans are being considered. Plan "A" provides that the entire sewage flow be diverted to Mountain View. Plan "B" provides that only a portion of the sewage flow be diverted to Mountain View. The estimated flows as given to me by Mr. Axe are set forth below. Plan "B" flows are shown in parentheses.

1. Total Present Flow (Average Daily)  
300,000 gallons (145,000 gal) of which 50,000 gallons is industrial waste.

2. Estimated Future Flow 1970 (Average Daily)  
900,000 gallons (500,000 gal) of which 50,000 gallons is industrial waste.

3. Connections at three points.

- a) To new Interceptor 2,200 ft. north of Bayshore at west end of King Road approximately 12 ft. below existing grade.  
Present - 200,000 gallons  
Future - 400,000 gallons

- 6) To new Interceptor ± 2600 ft. North of Bayshore approximately 8 to 10 ft. below existing grade.  
Present 120,000 gallons (70,000 gal)  
Future 400,000 gallons (300,000 gal)
- c) To new Interceptor ± 4200 ft. north of Bayshore approximately 4 ft. below existing grade.  
Present 75,000 gallons (75,000 gal)  
Future 100,000 gallons (100,000 gal)

For the purposes of our study, it is suggested that the flows indicated for Plan "B" be ignored unless special conditions prevail which makes their consideration of importance. On the basis of the estimated future flows and the suggested points of delivery:

- What increase in pipe sizes would be required when compared with the information presented in your recent study on the East Trunk Sewer.
- What is your estimate of the additional cost of increasing the size of the sewer as set forth in a) above.

In estimating the added pipe capacity needed, please be conservative. If near a break in pipe sizes please use the larger size to provide us with a margin of safety. Also, in calculating peak requirements, be sure to allow ample margin of safety; we don't want to have to replace this line with a larger one in a few years because of underestimating our needs.

If at all possible, I would like to have the above information by August 4, 1964.

Very truly yours,

ORIGINAL SIGNED BY

A. H. HECKENBACH  
Director of Public Works